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| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.   | CONFIRMATION NO. |
|---|-------------|----------------------|-----------------------|------------------|
| 10/535,266  | 05/16/2005  | Hiroshi Watanabe     | MAT-8684US            | 3761             |
| 23122   | 7590        | 09/30/2010           |                       | EXAMINER         |
| RATNERPRESTIA<br>P.O. BOX 980<br>VALLEY FORGE, PA 19482 |             |                      | SCHATZ, CHRISTOPHER T |                  |
|   |             |                      | ART UNIT              | PAPER NUMBER     |
|   |             |                      | 1791                  |                  |
|   |             | MAIL DATE            | DELIVERY MODE         |                  |
|   |             | 09/30/2010           | PAPER                 |                  |

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

|                              |                                       |                     |  |
|------------------------------|---------------------------------------|---------------------|--|
| <b>Office Action Summary</b> | <b>Application No.</b>                | <b>Applicant(s)</b> |  |
|                              | 10/535,266                            | WATANABE, HIROSHI   |  |
|                              | <b>Examiner</b><br>CHRISTOPHER SCHATZ | Art Unit<br>1791    |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If no period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED. (35 U.S.C. § 133).

Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### **Status**

1) Responsive to communication(s) filed on 06 June 2010.

2a) This action is FINAL.      2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### **Disposition of Claims**

4) Claim(s) 1,13 and 14 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) Claim(s) \_\_\_\_\_ is/are allowed.

6) Claim(s) 1 is/are rejected.

7) Claim(s) 13 and 14 is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### **Application Papers**

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### **Priority under 35 U.S.C. § 119**

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All    b) Some \* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### **Attachment(s)**

1) Notice of References Cited (PTO-892)  
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3) Information Disclosure Statement(s) (PTO/SB/08)  
 Paper No(s)/Mail Date \_\_\_\_\_

4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date \_\_\_\_\_

5) Notice of Informal Patent Application  
 6) Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claims 1, 13, 14 and 19 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The applicant is still claiming a method wherein both a groove is formed and a bulging out portion is formed. The applicant has amended the claim to require that the part of the holding plate from which the bulging out portion is formed does not have a groove, but the other part of the holding plate does have the groove. This still amounts to a claim requiring a method wherein both a groove that adhesive flows into is formed and a bulging-out portion is formed. As discussed in paragraph 1 of the final office Action dated 04/08/2010, the applicant only has support to claim a method wherein a bulging out portion is formed or a method wherein a groove that adhesive flows into is formed but not method wherein both are formed.
3. Additionally, the applicant does not have support to claim a method wherein only part of the holding plate has a groove and another part does not have a groove. No

portion of the original disclosure shows or discloses an embodiment wherein part of the holding plate has a groove and another part of the holding plate does not have the groove.

4. Finally, the specification as originally filed does not support a method of applying heat and pressure for forming a bulging out portion. The specification discloses that heat and pressure are used to cure the adhesive. Nothing in the original specification disclose that the application of heat and pressure causes the forming of a bulging out portion.

#### ***Response to Arguments***

5. Applicant's arguments filed 07/08/2010 have been fully considered. With respect to the applicant arguments on page 4 of the Remarks, the examiner asserts that page 10, lines 13-19 do not disclose an embodiment wherein both a groove that adhesive flows into is formed and a bulging-out portion is formed. Nor does page 10, lines 13-19 disclose a method wherein only part of the holding plate has a groove and another part does not have a groove.

6. Applicant's arguments directed at the examiner's previous 35 U.S.C. 103(a) rejections are moot.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHRISTOPHER SCHATZ whose telephone number is (571)272-6038. The examiner can normally be reached on Monday through Friday 9 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Crispino can be reached on 571-272-1226. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/CHRISTOPHER SCHATZ/  
Examiner, Art Unit 1791